



PTO/SB/08a (08-03)

Approved for use through 07/31/2008. OMB 0851-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Use as many sheets as necessary!

<p>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p>(Use as many sheets as necessary)</p> <p>Sheet 1 of 2</p>		Complete If Known	
		<i>Application Number</i>	10/701,192
		<i>Filing Date</i>	November 4, 2003
		<i>First Named Inventor</i>	Venkat SELVAMANICKAM, et al.
		<i>Art Unit</i>	1763
		<i>Examiner Name</i>	Richard R. Bueker
<i>Attorney Docket Number</i>		5005469-003US1	

U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

Examiner Signature	R. Burk	Date Considered	5-2005
-----------------------	---------	--------------------	--------

¹EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ²Applicant's unique citation designation number (optional). ³See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 801.04. ⁴Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁵For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁶Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁷Applicant is to place a check mark here if English language Translation is attached.

Translation is attached.
This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Approved for use through 07/31/2008. OMB 0851-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Application Number	10/701,192
		Filing Date	November 4, 2003
		First Named Inventor	Venkat SELVAMANICKAM, et al
		Art Unit	1763
		Examiner Name	Richard R. Bueker
Sheet	2	of	2
		Attorney Docket Number	
		5005469-003US1	

Examiner Signature	R Bunker	Date Considered	S-2005
-----------------------	----------	--------------------	--------

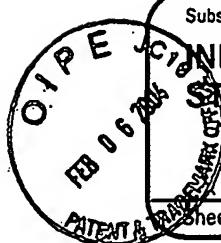
***EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

***Applicant's unique citation designation number (optional).² Applicant is to place a check mark here if English language Translation is attached.**

Applicant's unique clause designation number (optional). Applicant is to place a check mark here if English language translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.



Substitute for form 1449A/PTO		<i>Complete If Known</i>	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Application Number	10/701,192
		Filing Date	November 4, 2003
		First Named Inventor	Venkat Selvamanickam
		Group Art Unit	Unknown
		Examiner Name	Unknown
		Attorney Docket Number	05005469.003US1
(use as many sheets as necessary)			
Sheet	1	of	5

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
RRB	1	US- 6,225,717	05/01/2001	Burger et al.	
↑	2	US- 6,225,747	05/01/2001	Fremgen, Jr., et al.	
	3	US- 5,980,078	11/09/1999	Krivoshein et al.	
	4	US- 5,726,912	03/10/1998	Krali, Jr., et al.	
	5	US- 5,689,415	11/18/1997	Calotychos, et al.	
	6	US- 5,579,218	11/26/1996	Ehlig et al.	
	7	US- 5,351,200	09/27/1994	Impink, Jr.	
	8	US- 4,916,600	04/10/1990	Ropalatos	
	9	US- 4,646,223	02/24/1987	Sekiguchi	
	10	US- 4,344,127	08/10/1982	McDaniel, et al.	
	11	US- 4,396,976	08/02/1983	Hyatt	
	12	US- 6,610,414	08/26/2003	Goyal et al.	
	13	US- 6,610,413	08/26/2003	Goyal et al.	
	14	US- 6,607,839	08/19/2003	Goyal et al.	
	15	US- 6,607,838	08/19/2003	Goyal et al.	
	16	US- 6,602,313	08/05/2003	Goyal et al.	
	17	US- 6,599,346	07/29/2003	Goyal et al.	
↓	18	US- 6,451,450	09/17/2002	Goyal et al.	
	19	US- 6,447,714	09/10/2002	Goyal et al.	
RRB	20	US- 6,331,199	12/18/2001	Goyal et al.	

FOREIGN PATENT DOCUMENTS

Examiner Signature	R. B. <i>h</i>	Date Considered	5-2005
-----------------------	----------------	--------------------	--------

****EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.***

¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04.

³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 18 if possible.⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:** Assistant Commissioner for Patents, Washington, DC 20231.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

<p>Substitute for form 1448A/PTO</p> <p>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p><i>(use as many sheets as necessary)</i></p>		<p>Complete If Known</p>	
		Application Number	10/701,192
		Filing Date	November 4, 2003
		First Named Inventor	Venkat Selvamanickam
		Group Art Unit	Unknown
		Examiner Name	Unknown
		Attorney Docket Number	05005469.003US1
Sheet	2	of	5

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (# known)			
RRB	21	US- 6,106,815	08/22/2000	Goyal, Amit	
↑	22	US- 5,984,988	10/12/1999	Goyal, Amit	
	23	US- 5,958,599	09/28/1999	Goyal, Amit	
	24	US- 5,898,020	04/27/1999	Goyal, Amit	
	25	US- 5,741,377	04/21/1998	Goyal, Amit	
	26	US- 5,739,086	04/14/1998	Goyal, Amit	
	27	US- 6,582,761	05/13/2003	Fritzemeler, Leslie G.	
	28	US- 6,475,311	11/05/2002	Fritzemeler, Leslie G.	
	29	US- 6,458,223	10/01/2002	Hans Thieme	
	30	US- 6,426,320	07/30/2002	Fritzemeler, Leslie G.	
	31	US- 6,027,564	02/22/2000	Fritzemeler, Leslie G.	
	32	US- 6,022,832	02/08/2000	Fritzemeler, Leslie G.	
	33	US- 6,214,183	04/10/2001	Maishav, Yuri	
	34	US- 6,156,170	12/05/2000	Akari, Koichiro	
	35	US- 6,063,244	05/16/2000	Pinarbasi, Mustafa	
	36	US- 5,888,305	03/30/1999	Szczyrbowski, Joachim	
	37	US- 5,507,931	04/16/1996	Yang, Peter Y.	
	38	US- 6,252,339	06/26/2001	Kendall, Rodney Arthur	
↓	39	US- 6,103,069	08/15/2000	Davenport, Robert E.	
RRB	40	US- 4,891,821	01/02/1990	Hanks, Charles W.	

FOREIGN PATENT DOCUMENTS

Examiner Signature	R Burk	Date Considered	5-2005
--------------------	--------	-----------------	--------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

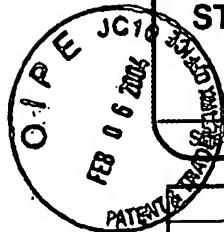
¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04.

³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 18 if possible.⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:** Assistant Commissioner for Patents, Washington, DC 20231.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

<p>Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.</p> <p>Substitute for form 1449A/PTO</p> <p>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p>(use as many sheets as necessary)</p>		<p>Complete If Known</p>	
		Application Number	10/701,192
		Filing Date	November 4, 2003
		First Named Inventor	Venkat Selvamanickam
		Group Art Unit	Unknown
		Examiner Name	Unknown
		Attorney Docket Number	05005469.003US1
Serial	3	of	5



U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
RRB	41	US- 5,254,911	10/19/1993	Avnery, Tzvi	
RRB	42	US- 6,610,632	08/26/2003	Honjo et al.	
	43	US- 6,541,121	04/01/2003	Usoskin et al.	
	44	US- 6,383,989	05/07/2002	Jia et al.	
	45	US- 5,872,080	02/16/1998	Arandt et al.	
	46	US- 6,156,376	12/05/2000	Paranthaman et al.	
	47	US- 6,543,691	04/08/2003	Lemelson et al.	
	48	US- 6,032,861	03/07/2000	Lemelson et al.	
	49	US- 5,563,401	10/08/1998	Lemelson	
	50	US- 5,468,845	11/21/1995	Huggett et al.	
	51	US- 5,357,094	10/18/1994	Baldwin	
	52	US- 5,355,001	10/11/1994	Fujimoto et al.	
	53	US- 5,304,787	04/19/1994	Wang	
	54	US- 5,298,731	03/29/1994	Ett	
	55	US- 5,296,693	03/22/1994	Hughes-Hartogs	
	56	US- 5,288,986	02/22/1994	Pina et al.	
	57	US- 5,189,292	02/23/1993	Batterman et al.	
	58	US- 5,170,044	12/08/1992	Pastor	
RRB	59	US- 5,153,418	10/08/1992	Batterman et al.	
RRB	60	US- 4,889,387	12/28/1989	Miller	

FOREIGN PATENT DOCUMENTS

Examiner Signature	R. Bimler	Date Considered	5-2005
-----------------------	-----------	--------------------	--------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 801.04.

³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 18 if possible.⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

<p>Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.</p> <p>Substitute for form 1449A/PTO</p> <p>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p><i>(use as many sheets as necessary)</i></p>		<p>Complete If Known</p>	
		Application Number	10/701,192
		Filing Date	November 4, 2003
		First Named Inventor	Venkat Selvamanickam
		Group Art Unit	Unknown
		Examiner Name	Unknown
Sheet	4	of	5
		Attorney Docket Number	

U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

Examiner Signature	R. Bush	Date Considered	5-2005
-----------------------	---------	--------------------	--------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04.

³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



PTO/SB/088(10-01)

Approved for use through 10/31/2002. OMB 0851-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1448A/BTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheep

of

of 5

Attorney Docket Number

05005469.003US1

Application Number	10/701,192
Filing Date	November 4, 2003
First Named Inventor	Venkat Selvamanickam
Group Art Unit	
Examiner Name	
Attorney Docket Number	05005469.003US1

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Signature	R. Bush	Date Considered	5-2005
-----------------------	---------	--------------------	--------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.